

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Mark S. Covert, et al.) Prior Application Assigned To:
)
Serial No.:) Art Unit: 2161
(Division of 09/193,634 filed 11/17/98))
) Patent Examiner:
Filed: Herewith) John W. Hayes
)
For: Automated Banking Machine
And System)

PRELIMINARY AMENDMENT

Box Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Kindly amend the above-identified Application filed herewith prior to examination as follows:

In the Specification

Kindly insert the following heading and paragraph before the first line on page 1 of the Specification:

CROSS REFERENCE TO RELATED APPLICATIONS

This application is a divisional of copending Application Number 09/193,634 filed on November 17, 1998 which is a continuation-in-part of International Application PCT/US97/21422 filed on

09072400-100504

November 25, 1997 and which designated the U.S. (now 09/077,337). The nonprovisional applications designated above, namely application 09/193,634 filed November 17, 1998 and PCT/US97/21422 (now 09/077,337) claims the benefit of U.S. Provisional Application Numbers: 60/031,956 filed November 27, 1996; 60/091,887 filed July 7, 1998; 60/095,626 filed August 7, 1998; and 60/098,907 filed September 2, 1998.

Kindly substitute the following amended paragraph for the paragraph beginning on Specification page 23, line 6 and ending on Specification page 23, line 13:

Returning to the sample transaction, in response to receiving the enable card reader message from the device application portion 84, the device server 92 is operative to generate a message through the intranet 16 to the device interfacing software portion 64 of the ATM 12. This message which comprises an HTTP record including instructions for operating the card reader, is directed to the IP port indicated 74 which is where the device interfacing software portion 64 communicates. In response to receiving this message, the software portion 64 is operative to send a message or messages on the control bus 50 which enables card reader mechanism 38.

Kindly substitute the following amended paragraph for the paragraph beginning on Specification page 23, line 14 and ending on Specification page 24, line 2:

Continuing with the transaction as shown in Figure 6, the input of the card by the

customer to the card reader 38 is operative to cause the card data to be read and the device interfacing program portion 64 to send a message to the device server 92 indicating the card data has been read. This message is transmitted by the device server through the intranet 16 to the device application portion 84. The device application portion then sends a message to the device server requesting the card data. The device server 92 transmits a message with instructions to deliver the card data from the device interfacing software portion 64 which responds with a message sending the card data through the intranet to the device server. The device server, if there is no basis for stopping the transaction, transmits an HTTP record including card data back through the intranet 16 to the device application portion 84.

Kindly substitute the following amended paragraph for the paragraph beginning on Specification page 70, line 10 and ending on Specification page 70, line 16:

Figures 28-30 include schematic depictions of examples of the operation of the keyboard mapper and the keypad applet. Figure 27 shows an example of an input to the keypad 168. In this example the keypad applet 170 generally in response to instructions in an HTTP record such as an HTML document or other events, transmits and enables events to the transaction services application 146. In response a mapset is selected from the database 176 corresponding to the particular map name. The keyboard command server is further operative to enable the appropriate keys of the ATM.

In the Claims

Kindly substitute the following amended claim 1 for pending claim 1:

1. (amended) A method of printing a document with an automated banking machine, comprising the steps of:

- (a) conducting at least one transaction with the machine;
- (b) storing transaction data corresponding to the transaction in a memory in operative connection with a computer, wherein the computer is operatively connected with the machine;
- (c) accessing a first markup language document with a browser operating in the computer, wherein the first markup language document includes at least one print instruction; and
- (d) printing indicia corresponding to the transaction data in the memory with a printer in the machine responsive to the print instruction included in the first document.

2. (amended) The method according to claim 1 wherein the first markup language document includes instructions therein corresponding to a format, and wherein in step (d) the indicia is printed in accordance with the format.

8. (amended) The method according to claim 1 and further comprising the steps of:

- e) providing a plurality of markup language documents accessible through a server, said documents including the first document, and a second document wherein the second document includes at least one second print instruction;
- f) accessing the second markup language document with the browser;
- g) printing indicia corresponding to the transaction data in memory with the printer in the machine responsive to the second print instruction included in the second document.

14. (amended) An automated banking machine including:

a plurality of transaction function devices, the transaction function devices including a printer and an input device;

a computer in operative connection with the transaction function devices and a memory, wherein the computer includes software executable therein, wherein the software includes a browser;

wherein the software is operative to cause the computer to store in the memory

transaction data representative of at least one input to an input device, and wherein the software is operative to cause the browser to access a markup language document including at least one print instruction and to operate the printer to print an item responsive to the print instruction and the transaction data.

Kindly add the following new claims:

15. (newly added) An automated banking machine including:

a plurality of transaction function devices, the transaction function devices including a printer and an input device;

a computer in operative connection with the transaction function devices and a memory, wherein the computer includes software executable therein, wherein the software includes a browser;

wherein the software is operative to cause the computer to store in the memory transaction data representative of at least one input to the input device, wherein the software is operative to cause the browser to access a plurality of markup language documents through a server, the plurality of markup language documents including a first document and a second document, wherein the first document includes at least one first print instruction and the second document

includes at least one second print instruction, and wherein the software is operative to cause the printer to print a first item responsive to the first print instruction included in the first document and at least a portion of the transaction data, and wherein the software is operative to cause the printer to print a second item responsive to the second print instruction included in the second document and at least a portion of the transaction data.

16. (newly added) The machine according to claim 15, wherein the first document includes indicia in a first language and the second document includes indicia in a second language, and wherein the first printed item includes indicia corresponding to at least a portion of the transaction data in the first language and the second printed item is includes indicia corresponding to at least a portion of the transaction data in a second language.

17. (newly added) An automated banking machine including:

a plurality of transaction function devices, the transaction function devices including a printer and an input device;

a computer in operative connection with the transaction function devices and a memory, wherein the computer includes software executable therein, wherein the software includes a browser;

wherein the software is operative to cause the computer to store in the memory transaction data representative of at least one input to the input device, and wherein the software is operative to cause the browser to access at least one markup language document including at least one print instruction and to operate the printer to print a check responsive to the print instruction and at least a portion of the transaction data.

18. (newly added) An automated banking machine including:

a plurality of transaction function devices, the transaction function devices including a printer and an input device;

a computer in operative connection with the transaction function devices and a memory, wherein the computer includes software executable therein, wherein the software includes a browser;

wherein the software is operative to cause the computer to store in the memory transaction data representative of at least one input to the input device, and wherein the software is operative to cause the browser to access at least one markup language document including at least one print instruction and to operate the printer to print a wagering slip responsive to the print instruction and at least a portion of the transaction data.

19. (newly added) The machine according to claim 14, wherein the at least one markup language document includes instructions therein corresponding to a format, and wherein the item includes indicia corresponding to at least a portion of the transaction data, which indicia is printed on the item in accordance with the format.

20. (newly added) The machine according to claim 14, wherein the transaction function devices include a cash dispenser, wherein the software is further operative to cause the cash dispenser to dispense an amount of cash.

21. (newly added) Computer readable media bearing instructions which are operative to cause at least one computer in the automated banking machine to cause the automated banking machine to carry out the method steps recited in claim 1.

22. (newly added) Computer readable media bearing instructions which are operative to cause at least one computer in the automated banking machine to cause the automated banking machine to carry out the method steps recited in claim 8.

23. (newly added) Computer readable media bearing instructions which are operative to cause at least one computer in the automated banking machine to cause the automated banking machine to carry out the method steps recited in claim 12.

REMARKS

Claims 1, 2, 8, and 14 have been amended herein. Claims 15-24 have been added. Claims 1-24 are now pending in the Application. The Specification has been amended to correct typographical errors. Claims 1, 2, 8, and 14 have been amended to replace "HTML" with -- markup language--. Support for these amendments is found in the specification and the original claims. No new matter has been added. Claims 1-24 correspond to allowed claims 1-24 in the parent Application Serial No. 09/193,634 filed November 17, 1998. Favorable consideration of the pending claims is requested. The undersigned will be happy to discuss any aspect of the application by telephone at the Examiner's convenience.

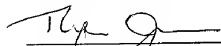
Request to Amend Drawings

A Request to Amend Drawings and formal drawings are being submitted herewith. The Amendment corrects minor errors in the drawings noted by Applicants. No new matter is added.

Fees For Additional Claims

Please charge the fees associated with the submission of two (2) additional independent claim (\$168) and four (4) claims in excess of twenty claims (\$72) and any other fee due to deposit account 09-0428 (InterBold).

Respectfully submitted,



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Medina, Ohio 44256
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Versions With Markings To Show Changes Made

In the Specification

Paragraph beginning on Specification page 23, line 6 and ending on Specification page 23, line 13:

Returning to the sample transaction, in response to receiving the enable card reader message from the device application portion 84, the device server 92 is operative to generate a message through the intranet 16 to the device interfacing software portion 64 of the ATM 12. This message which comprises an HTTP record including instructions for operating the card reader, is directed to the IP port indicated 74 which is where the device interfacing software portion 64 communicates. In response to receiving this message, the software portion 64 is operative to send a message or messages on the control bus 50 which enables card reader mechanism 38 [34].

Paragraph beginning on Specification page 23, line 14 and ending on Specification page 24, line 2:

Continuing with the transaction as shown in Figure 6, the input of the card by the customer to the card reader 38 [34] is operative to cause the card data to be read and the device interfacing program portion 64 to send a message to the device server 92 indicating the card data has been read. This message is transmitted by the device server through the intranet 16 to the

device application portion 84. The device application portion then sends a message to the device server requesting the card data. The device server 92 transmits a message with instructions to deliver the card data from the device interfacing software portion 64 which responds with a message sending the card data through the intranet to the device server. The device server, if there is no basis for stopping the transaction, transmits an HTTP record including card data back through the intranet 16 to the device application portion 84.

Paragraph beginning on Specification page 70, line 10 and ending on Specification page 70, line 16:

Figures 28-30 include schematic depictions of examples of the operation of the keyboard mapper and the keypad applet. Figure 27 [29] shows an example of an input to the keypad 168. In this example the keypad applet 170 generally in response to instructions in an HTTP record such as an HTML document or other events, transmits and enables events to the transaction services application 146. In response a mapset is selected from the database 176 corresponding to the particular map name. The keyboard command server is further operative to enable the appropriate keys of the ATM.

In the Claims

1. (amended) A method of printing a document with an automated banking machine, comprising the steps of:

- US 2007/024004 A1
- (a) conducting at least one transaction with the machine;
 - (b) storing transaction data corresponding to the transaction in a memory in operative connection with a computer, wherein the computer is operatively connected with the machine;
 - (c) accessing a first [HTML] markup language document with a browser operating in the computer, wherein the first [HTML] markup language document includes at least one print instruction; and
 - (d) printing indicia corresponding to the transaction data in the memory with a printer in the machine responsive to the print instruction included in the first document.

2. (amended) The method according to claim 1 wherein the first [HTML] markup language document includes instructions therein corresponding to a format, and wherein in step (d) the indicia is printed in accordance with the format.

8. (amended) The method according to claim 1 and further comprising the steps of:

- e) providing a plurality of [HTML] markup language documents accessible

through a server, said documents including the first document, and a second document wherein the second document includes at least one second print instruction;

f) accessing the second [HTML] markup language document with the browser;

g) printing indicia corresponding to the transaction data in memory with the printer in the machine responsive to the second print instruction included in the second document.

14. (amended) An automated banking machine including:

a plurality of transaction function devices, the transaction function devices including a printer and an input device;

a computer in operative connection with the transaction function devices and a memory, wherein the computer includes software executable therein, wherein the software includes a browser;

wherein the software is operative to cause the computer to store in the memory transaction data representative of at least one input to an input device, and

wherein the software is operative to cause the browser to access [an HTML] a
markup language document including at least one print instruction and to operate
the printer to print an item responsive to the print instruction and the transaction
data.

09072400-105000

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Serial No.:) Art Unit: 2161
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) Patent Examiner:
Filed: Herewith) John W. Hayes
)
For: Automated Banking Machine
And System
Commissioner for Patents
Washington, D.C. 20231

Request to Amend Drawings

Sir:

Permission to amend the drawings is respectfully requested. Applicants request to amend the pending drawings by substituting the enclosed amended drawing sheets of Figures 1, 2, 5, and 6 for the corresponding drawing sheets currently pending.

Four marked sheets highlighting the changes and amended formal drawings are enclosed. No new subject matter will be added as a result of this amendment.

In Figure 1, Applicants have provided descriptive labels for elements 14, 20, 22, 24, 26, and 28 in accordance with the descriptions of such elements in the Specification at pages 11-13.

In Figure 2, Applicants have provided descriptive labels for elements 32, 52, 54, 56, 58, 60, 62, 109, and 110 in accordance with the descriptions of such elements in the Specification as described at pages 13-14.

In Figure 2, the reference numeral for the journal printer has been amended to indicate the numeral (48), as indicated in the Specification at page 13, line 17; page 14, line 10; and page 40, line 12.

In Figures 5 and 6, the reference numeral for the card reader (38) has been amended to conform with the Specification at pages 13-14 and in Figure 2.

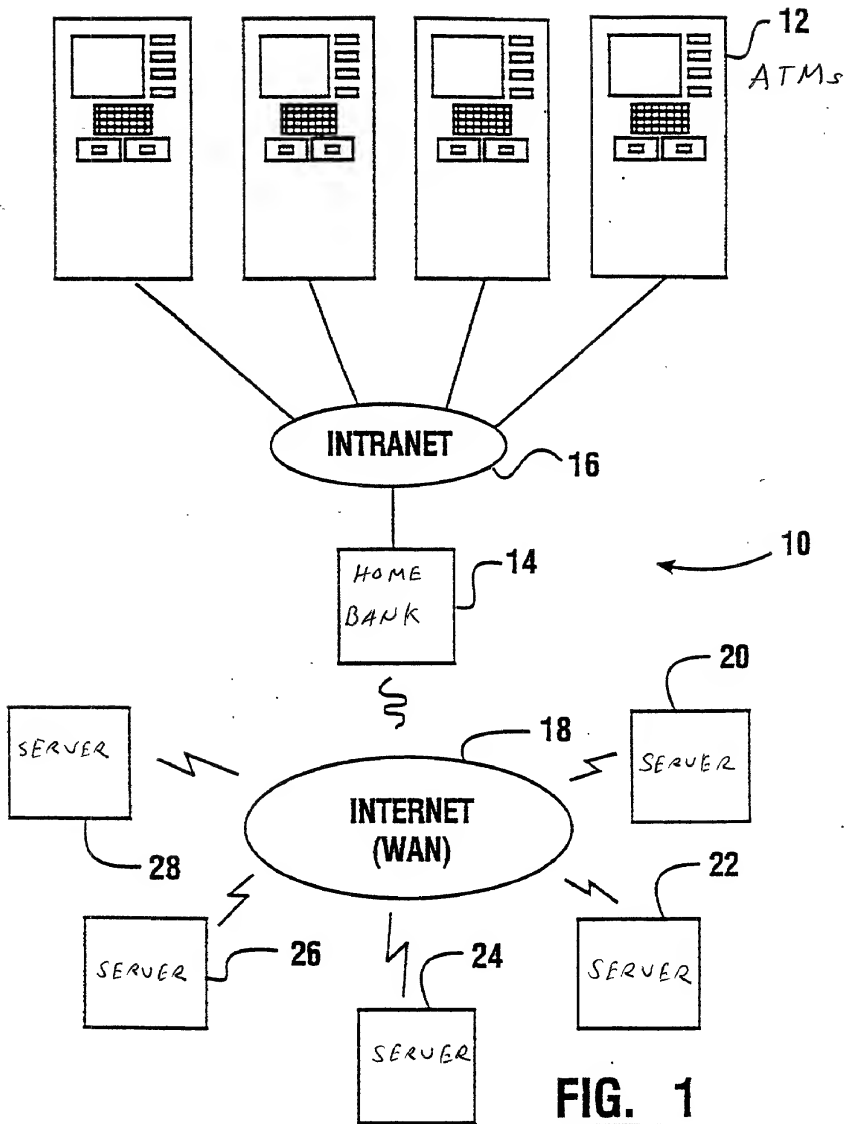
Applicants also request to substitute the thirty-one (31) formal drawing sheets enclosed herewith containing Figures 1-31 for the informal drawing sheets currently pending.

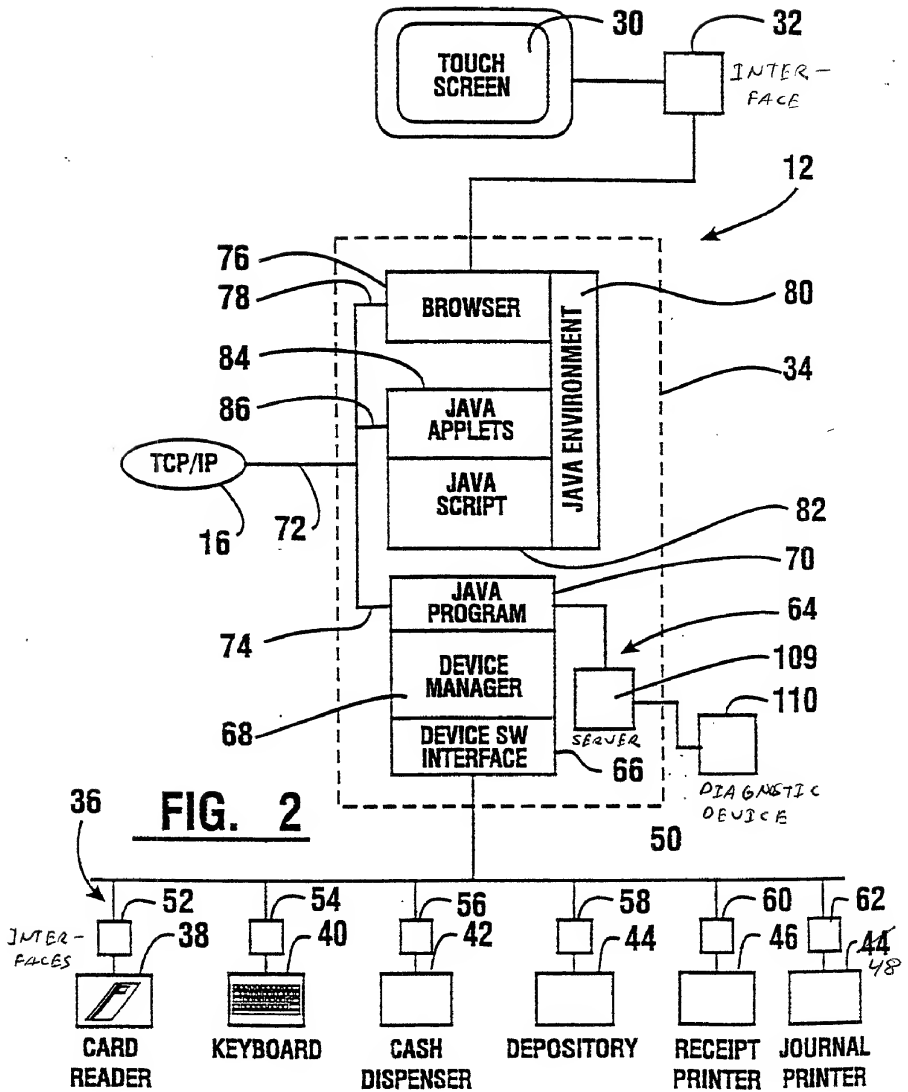
Except for the changes discussed above, these formal drawings are identical to the pending drawings in all respects except for shading, line quality, margins, and paper size. No new matter will be added as a result of this substitution. Permission to amend the drawings by substitution is respectfully requested.

Respectfully submitted,



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(330) 721-0000





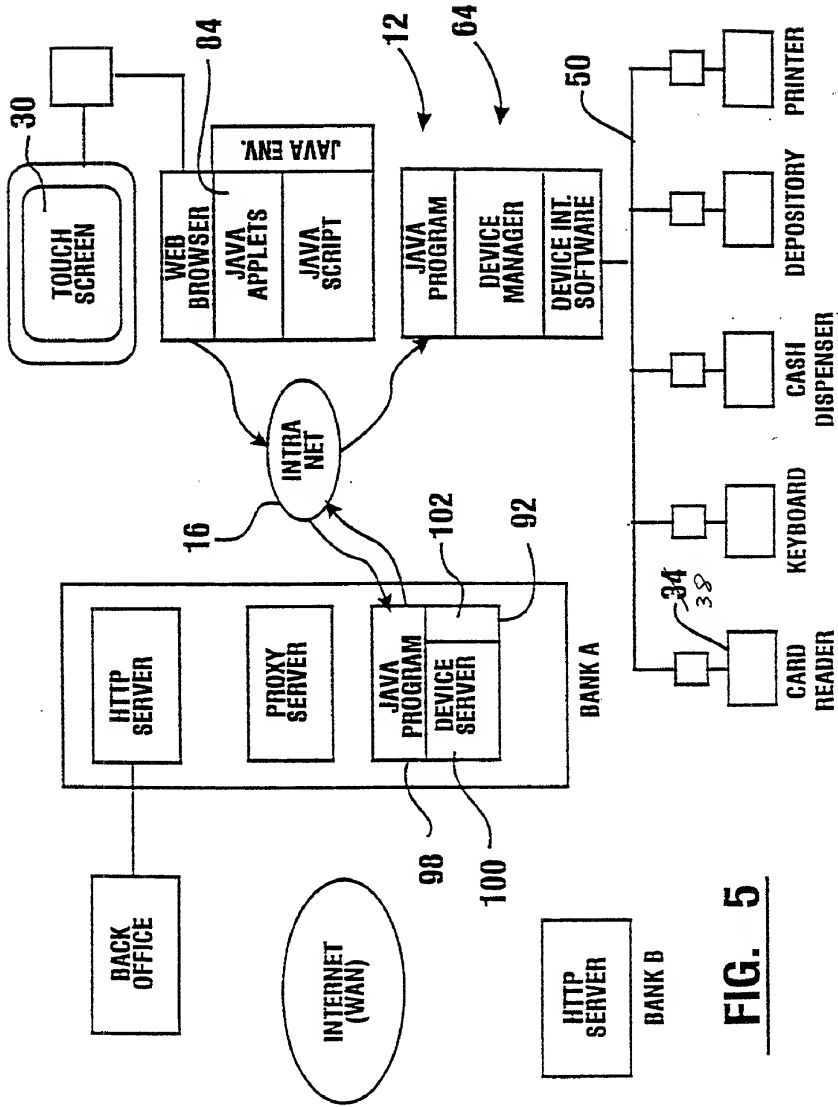


FIG. 5

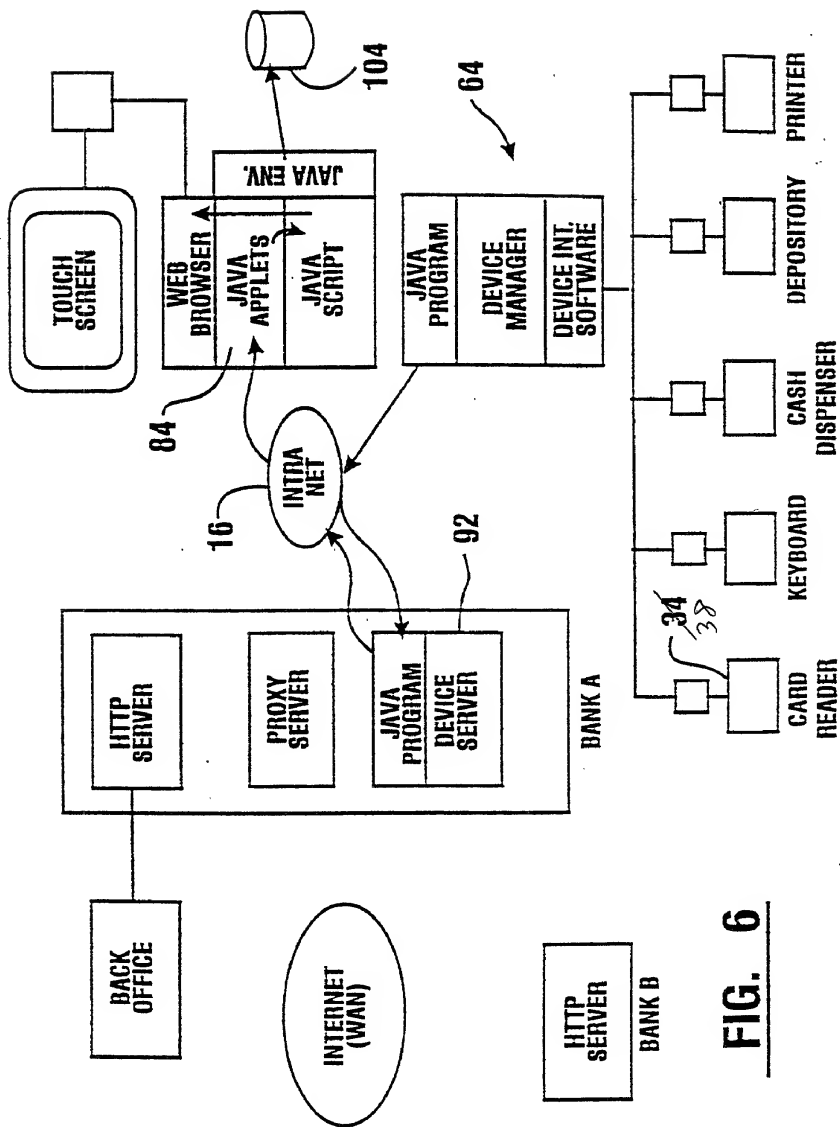


FIG. 6

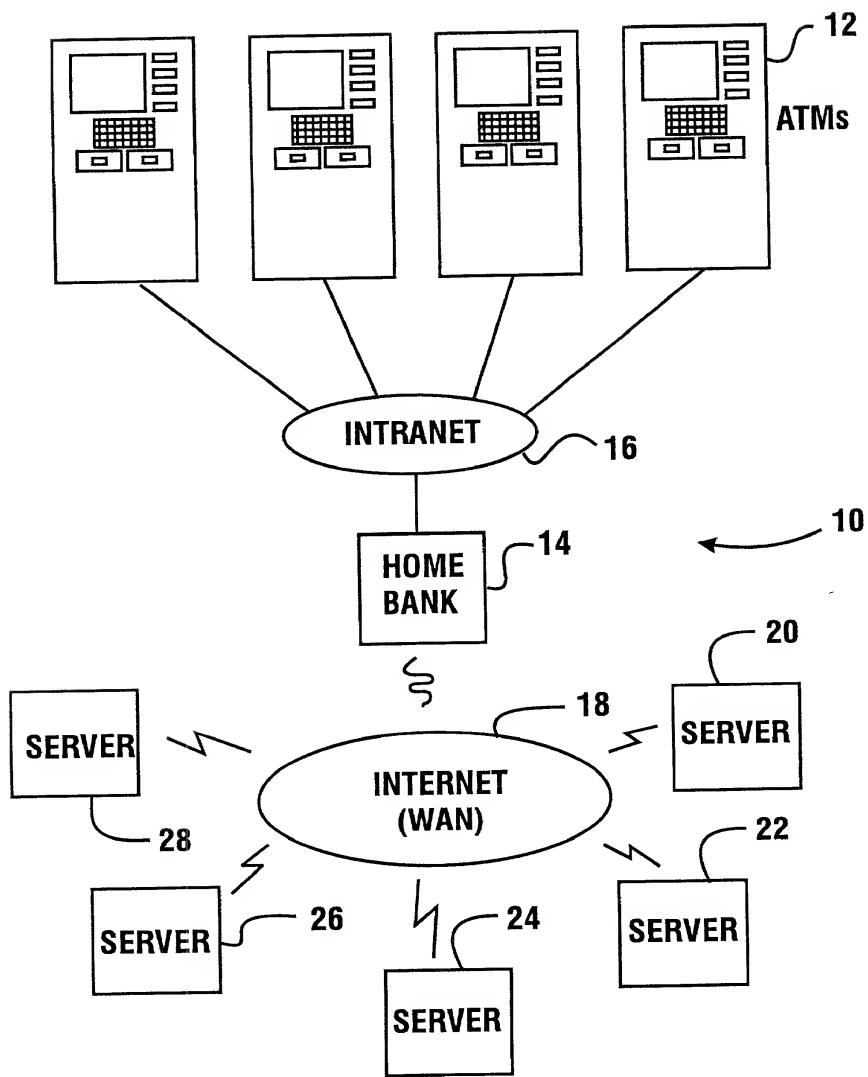
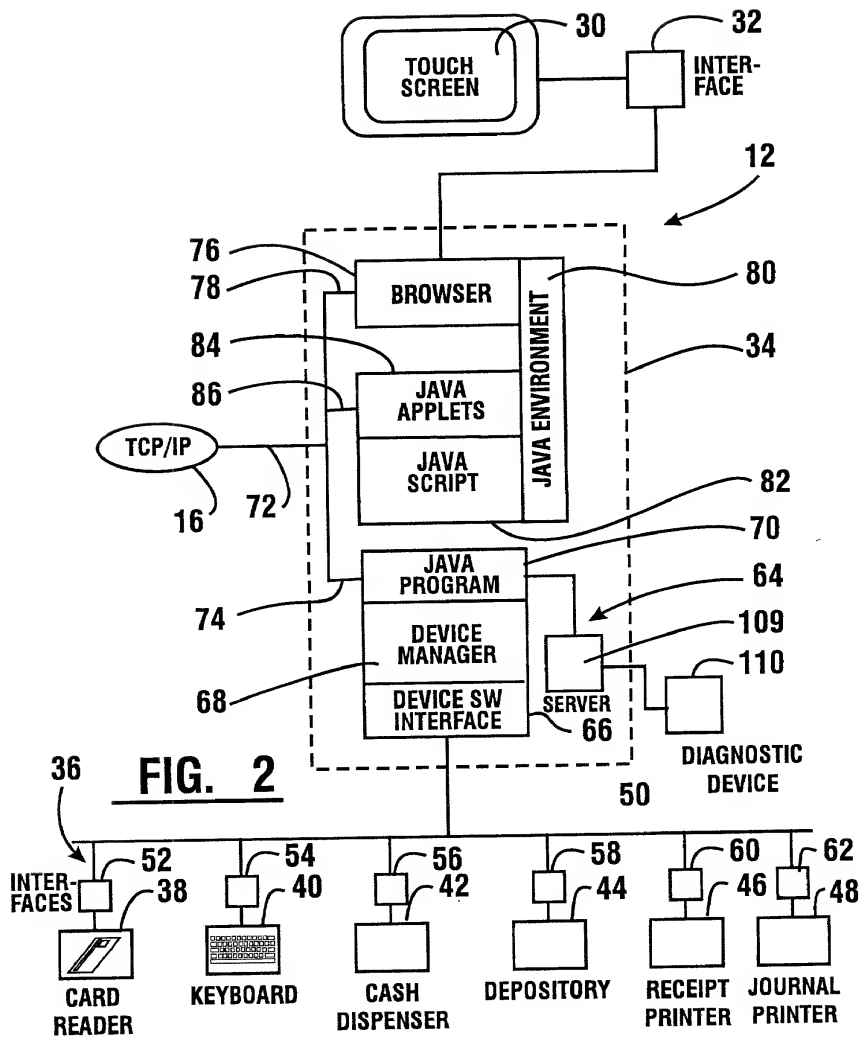


FIG. 1

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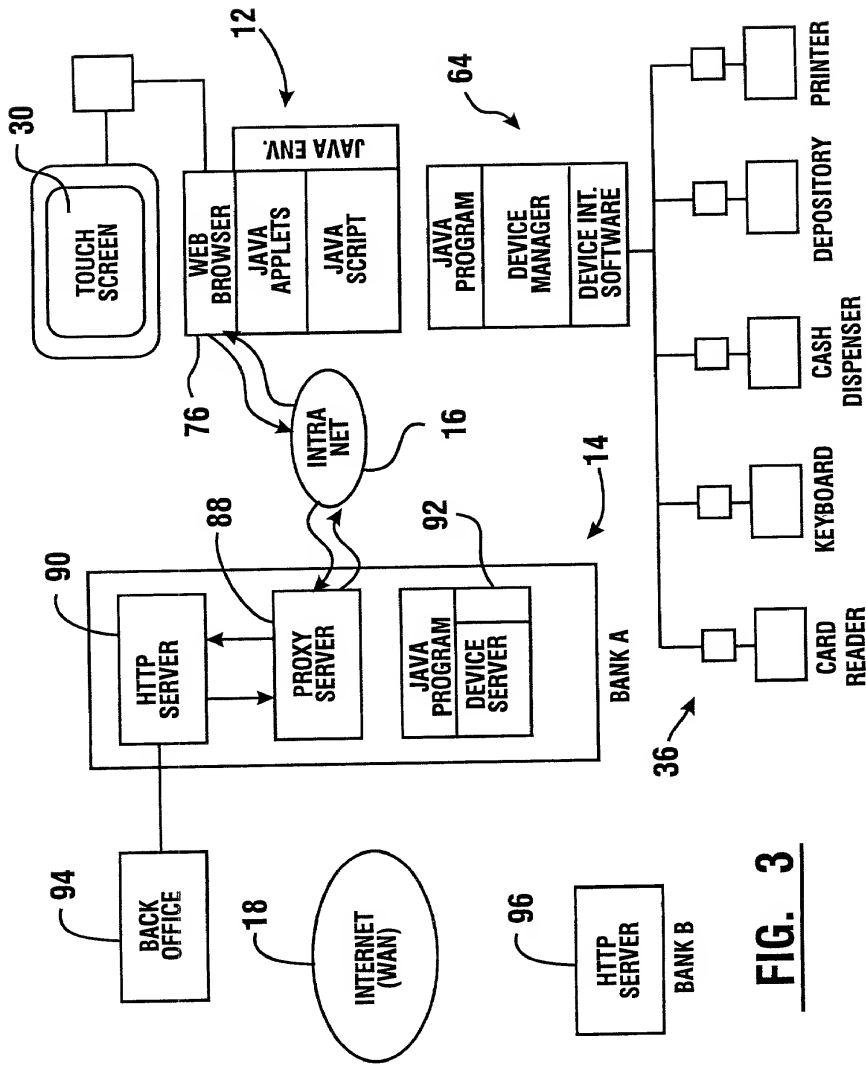
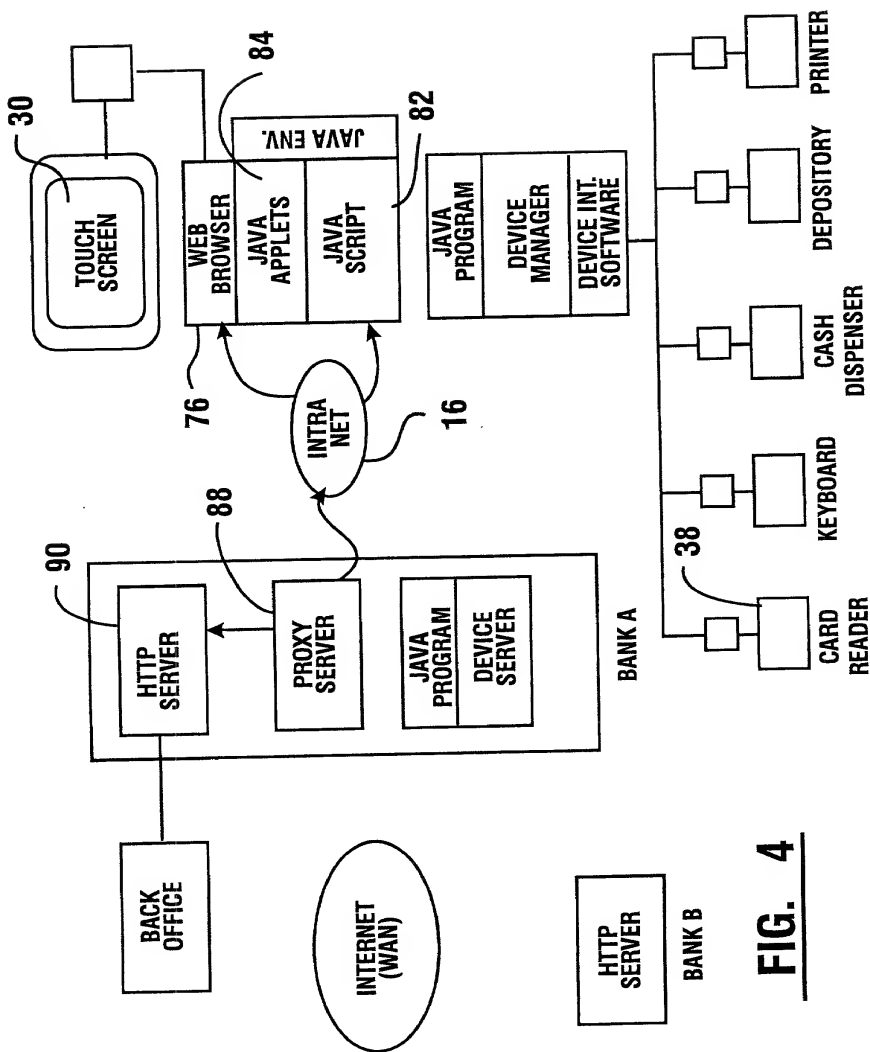


FIG. 3



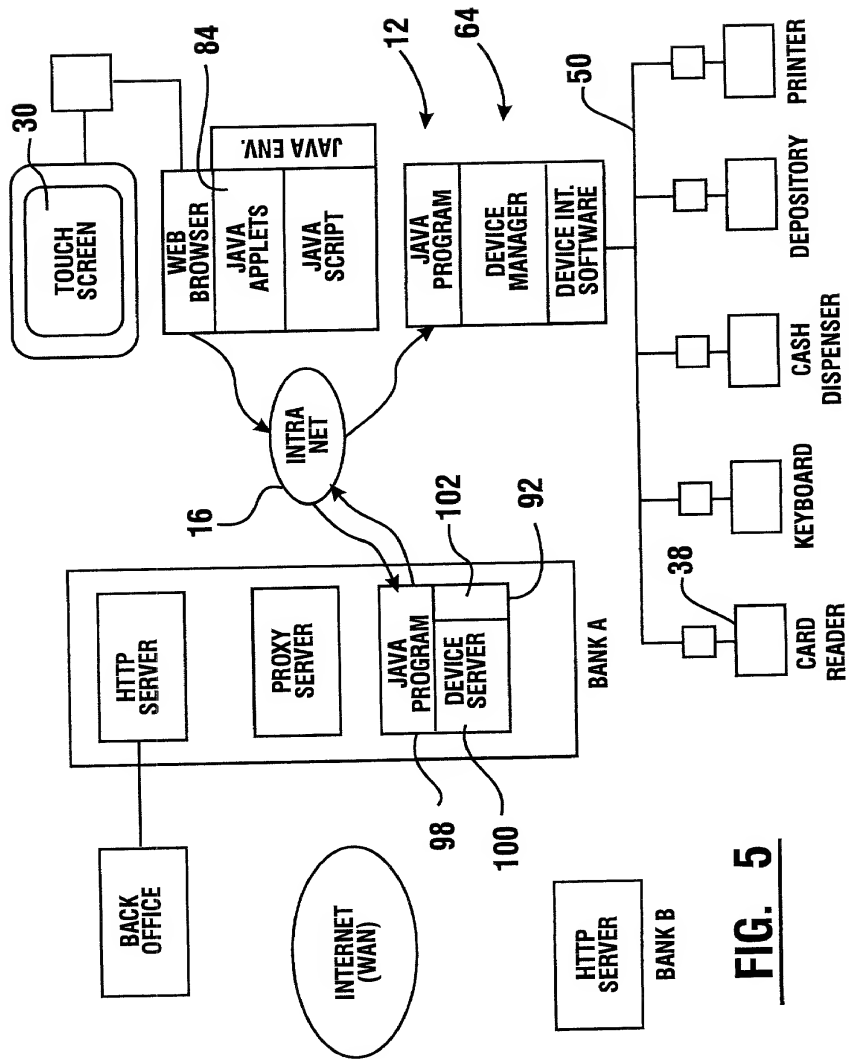


FIG. 5

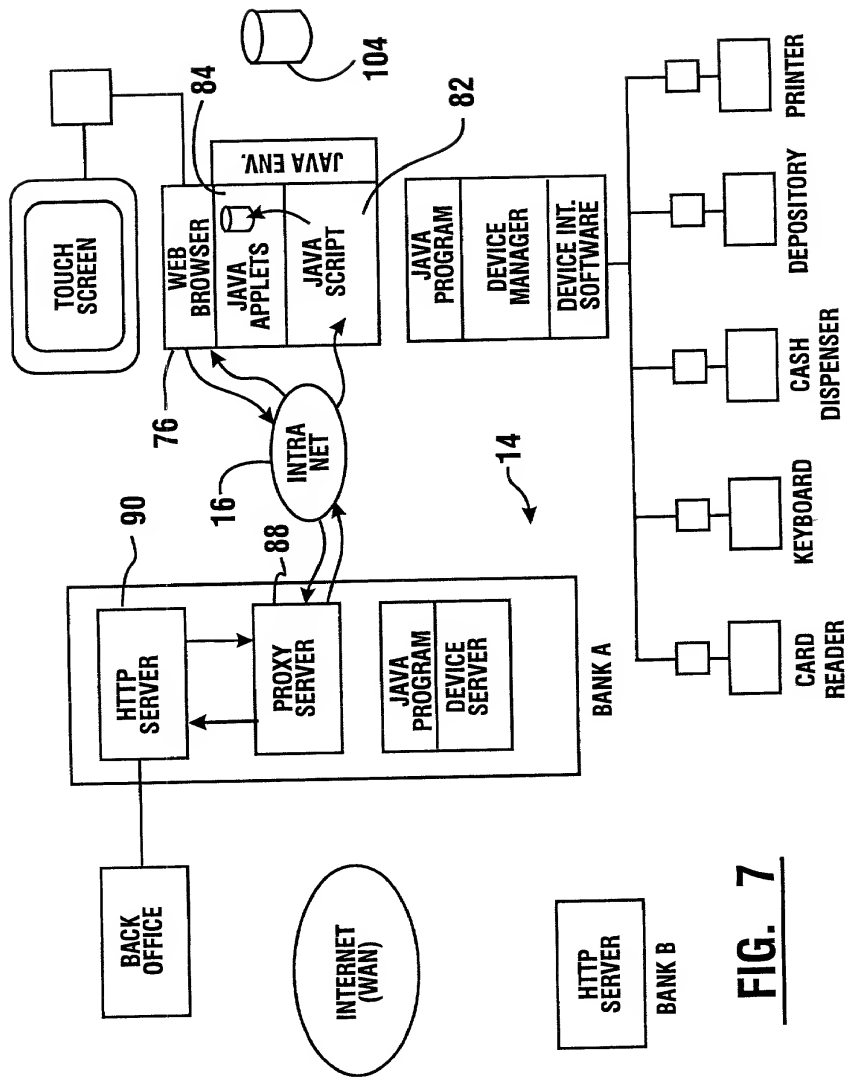


FIG. 7

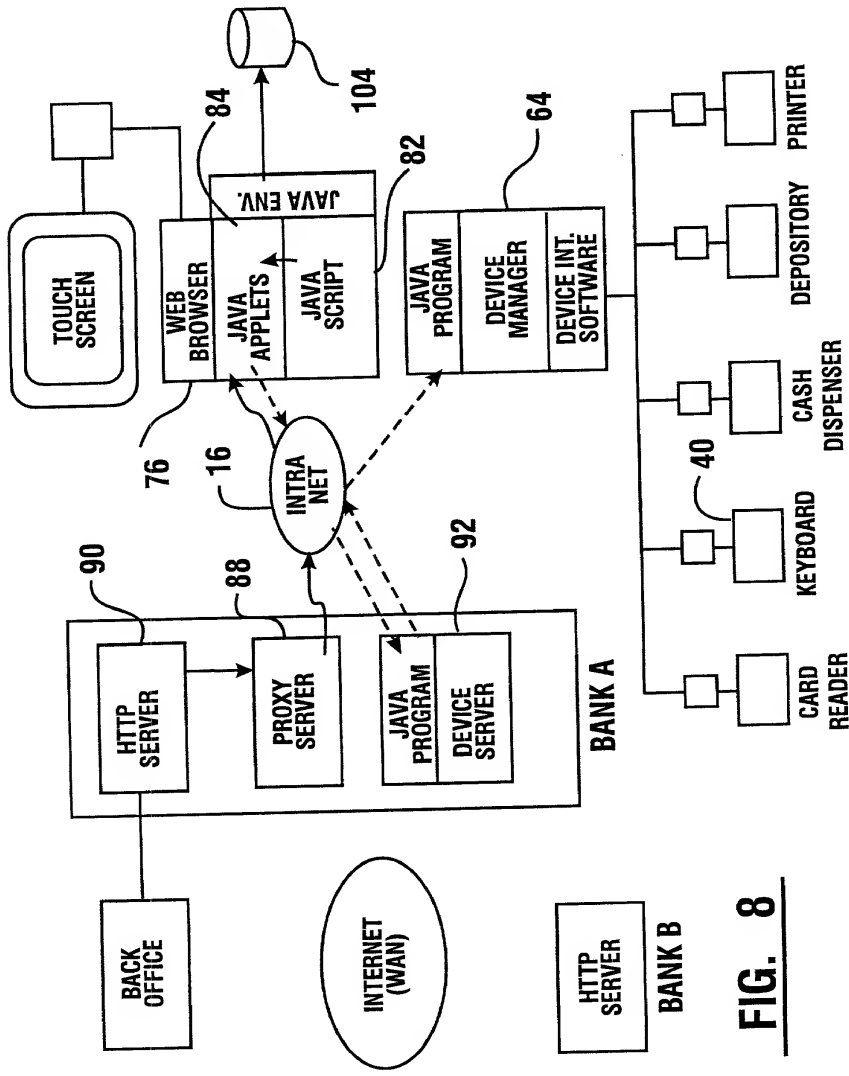


FIG. 8

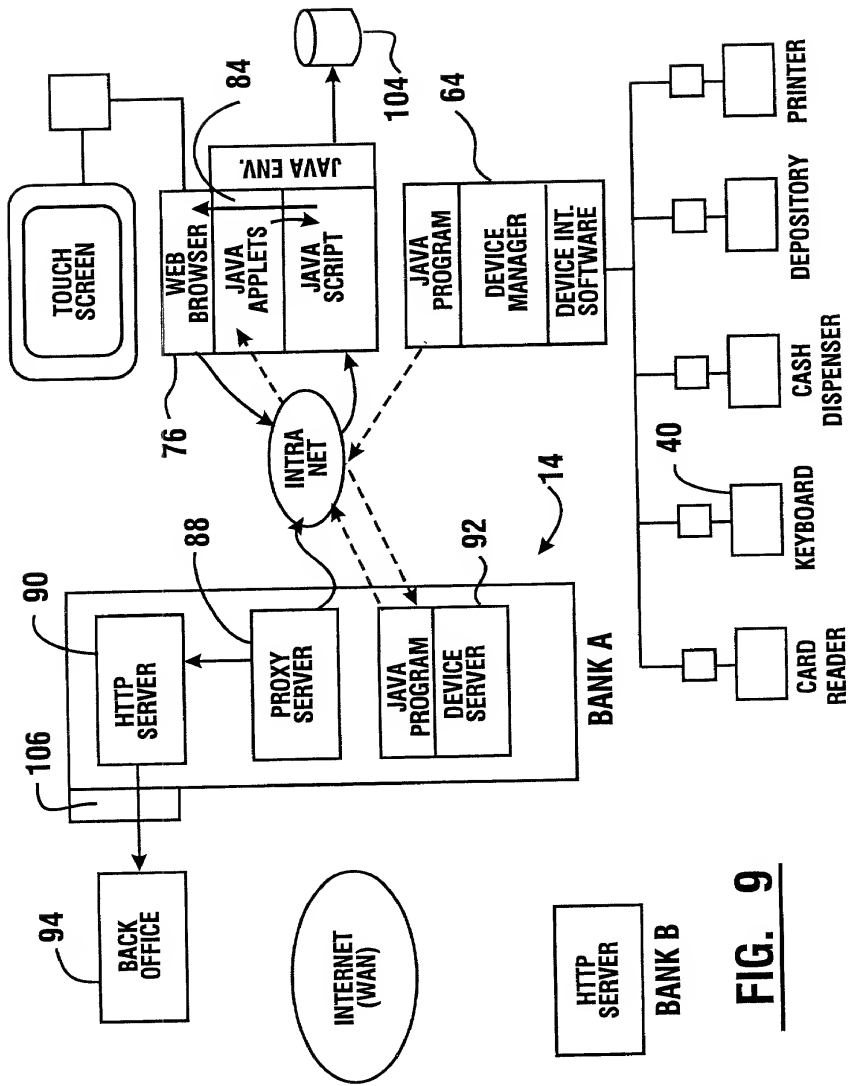


FIG. 9

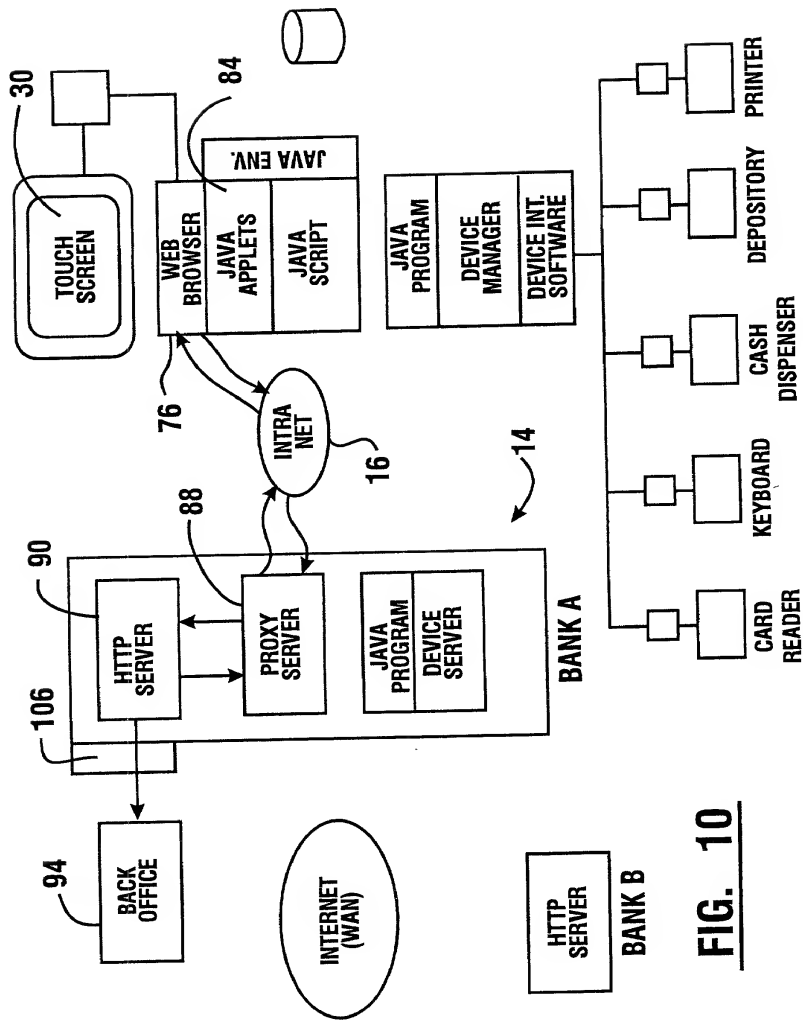


FIG. 10

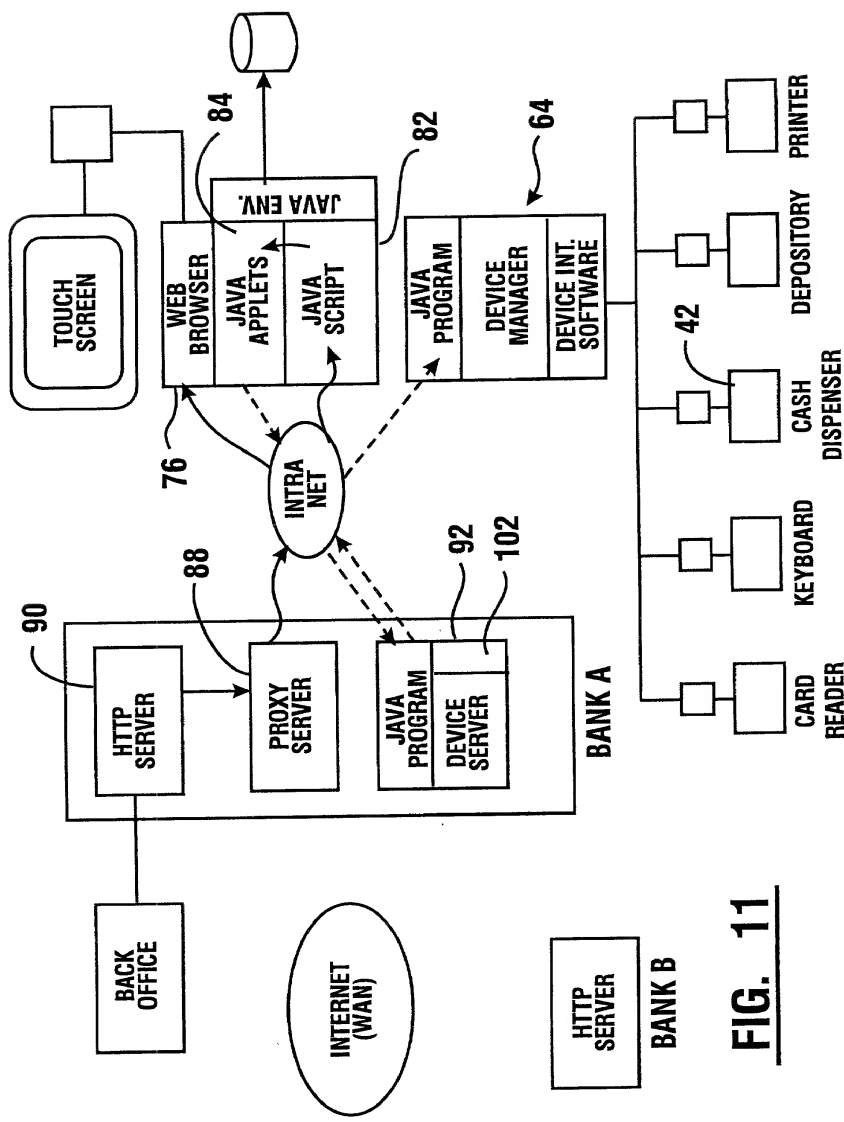


FIG. 11

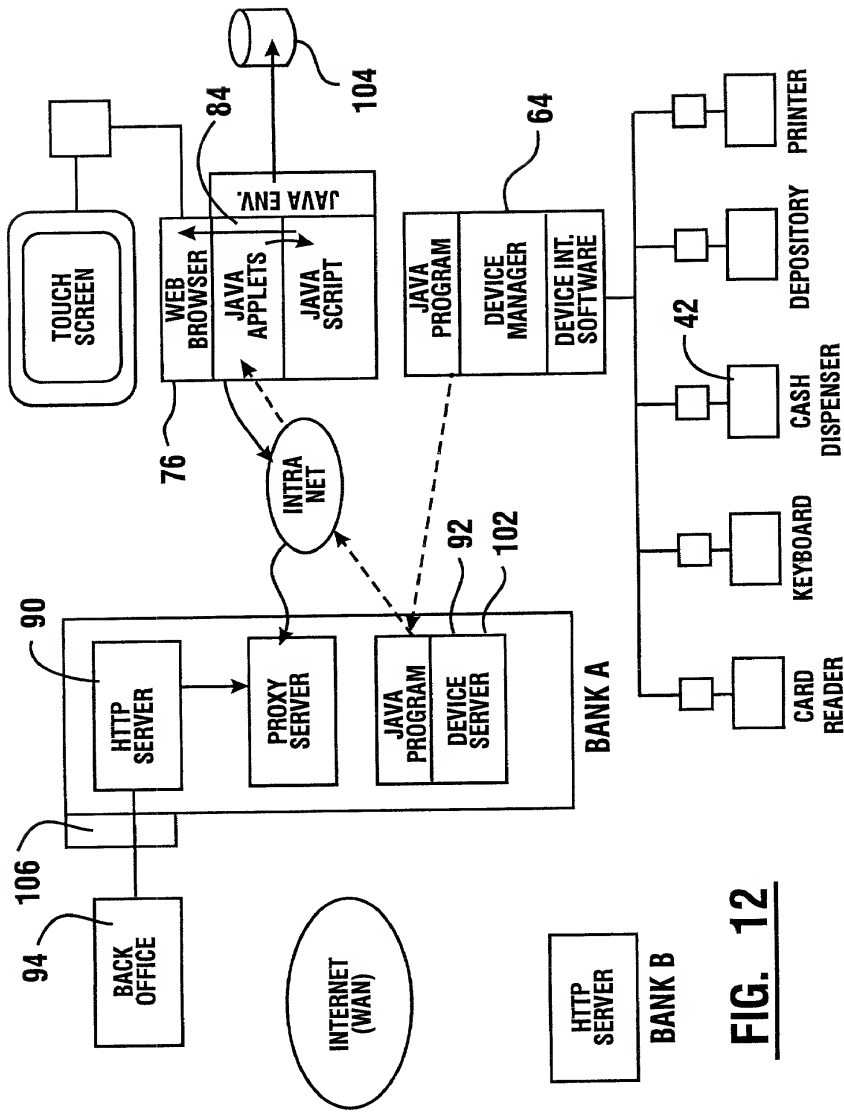


FIG. 12

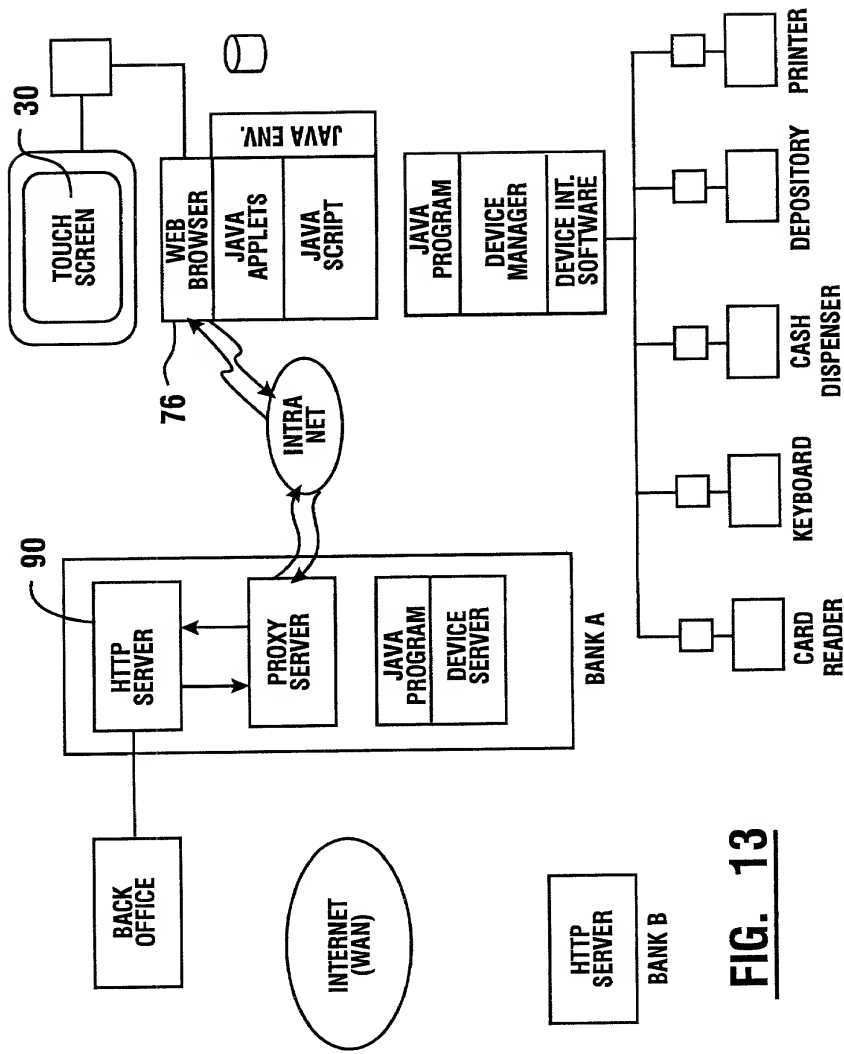


FIG. 13

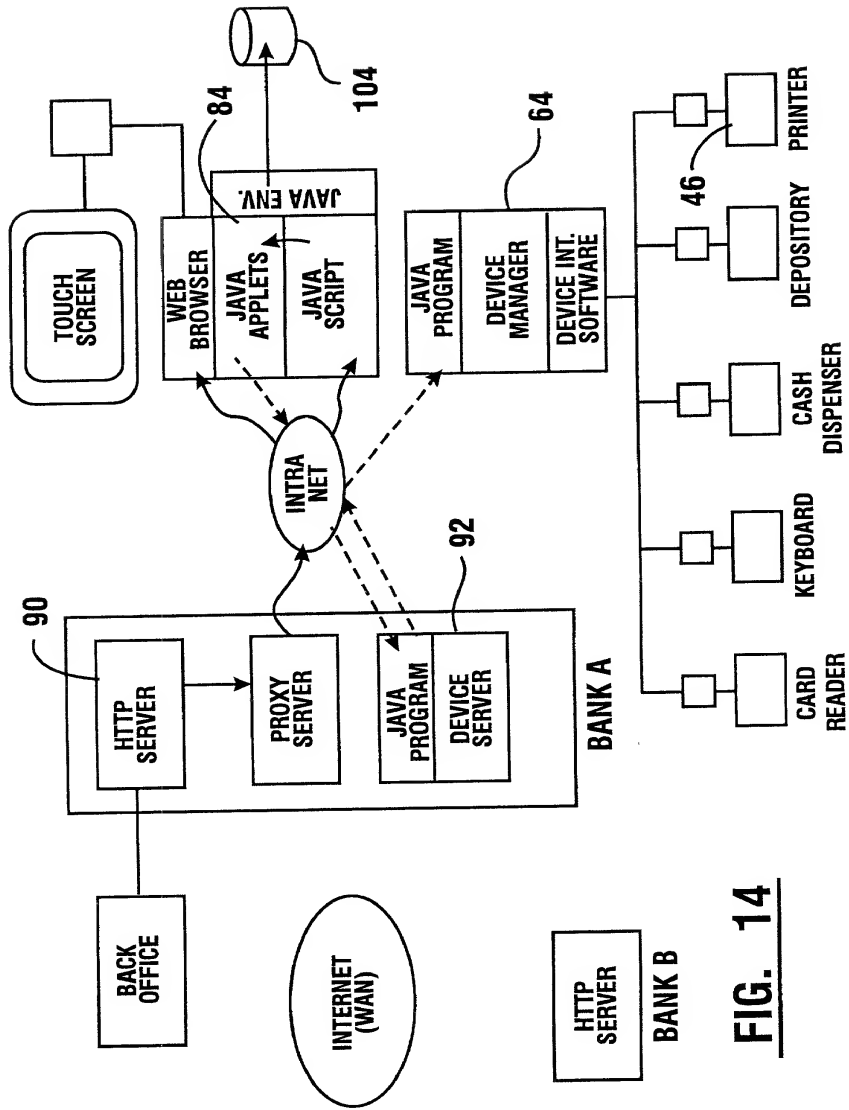
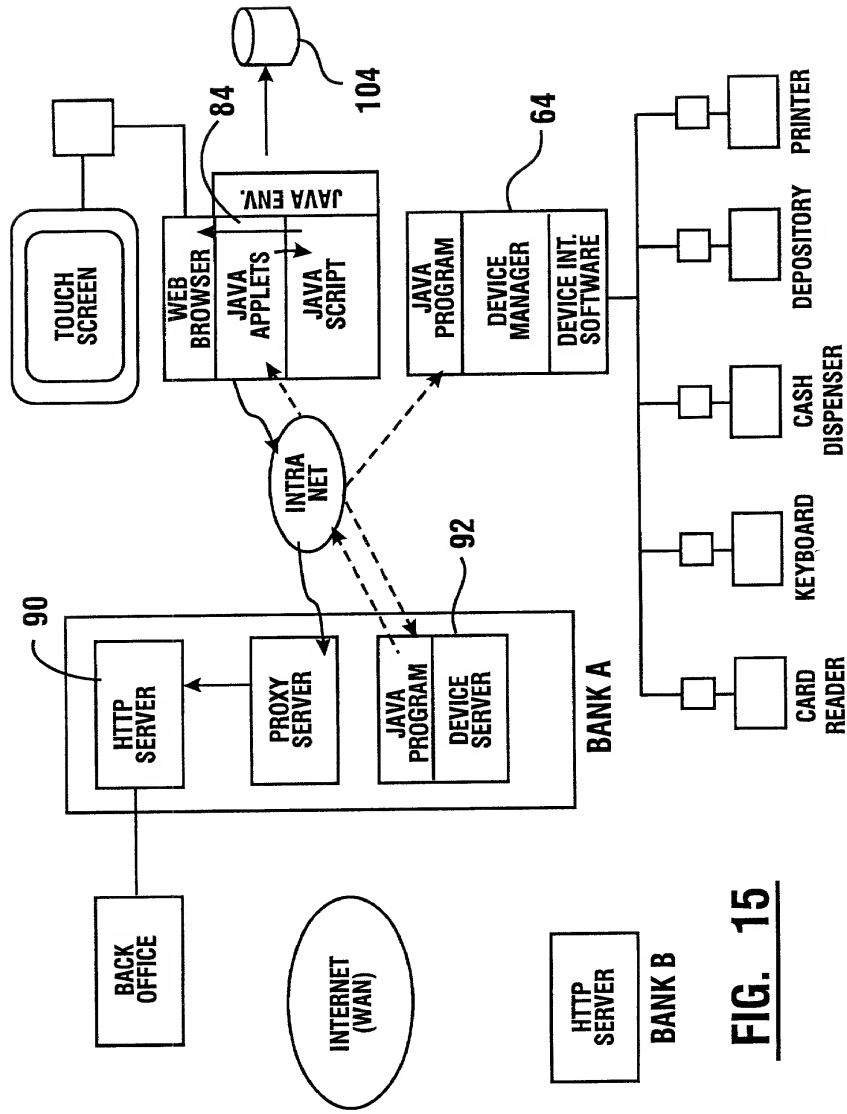
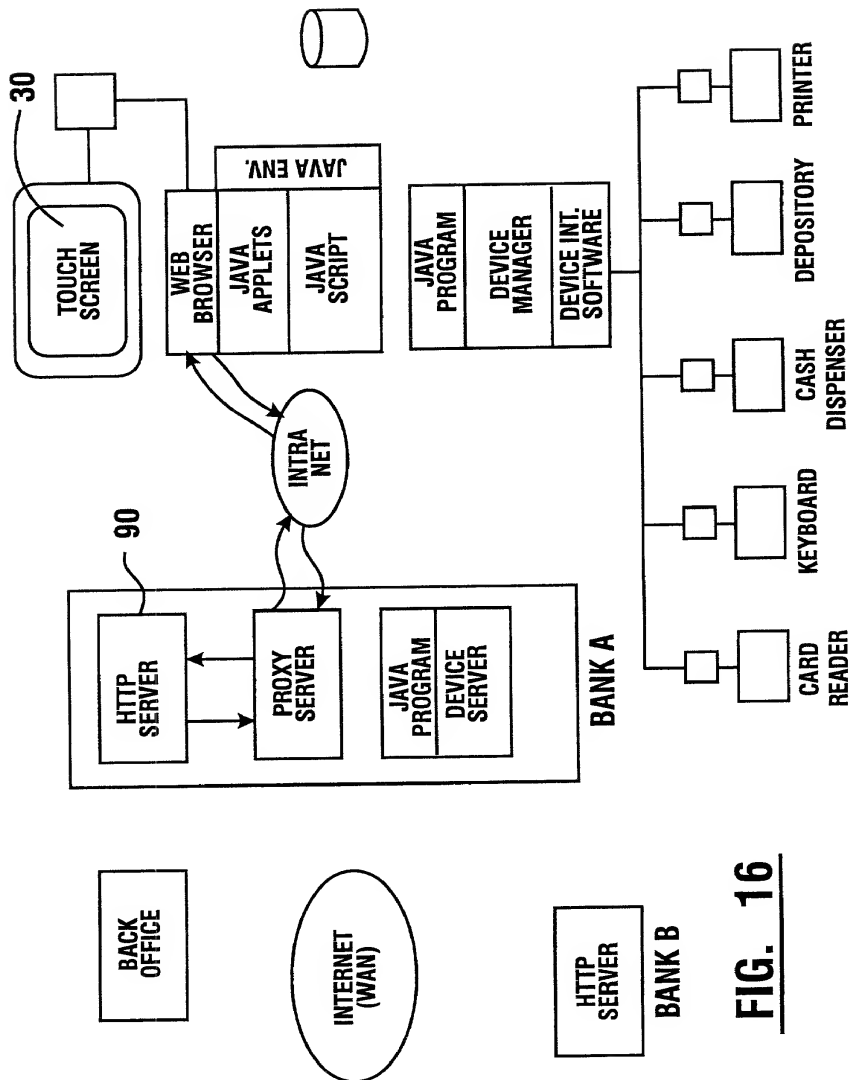


FIG. 14





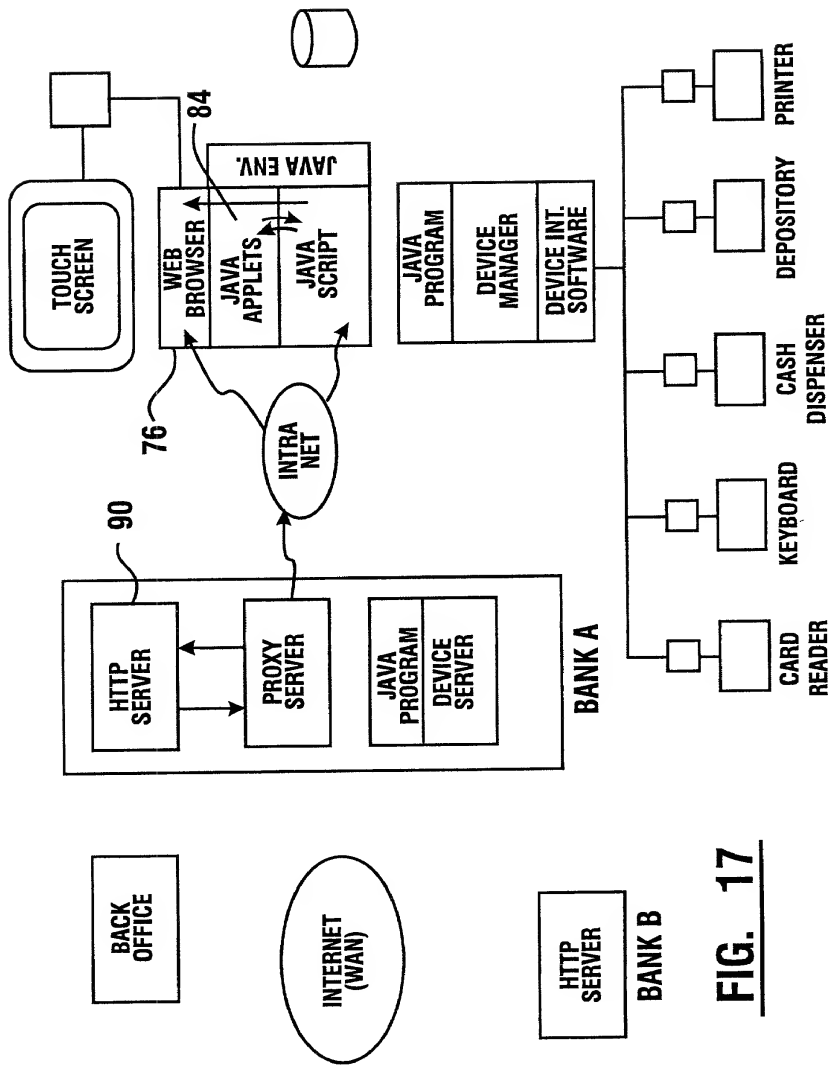


FIG. 17

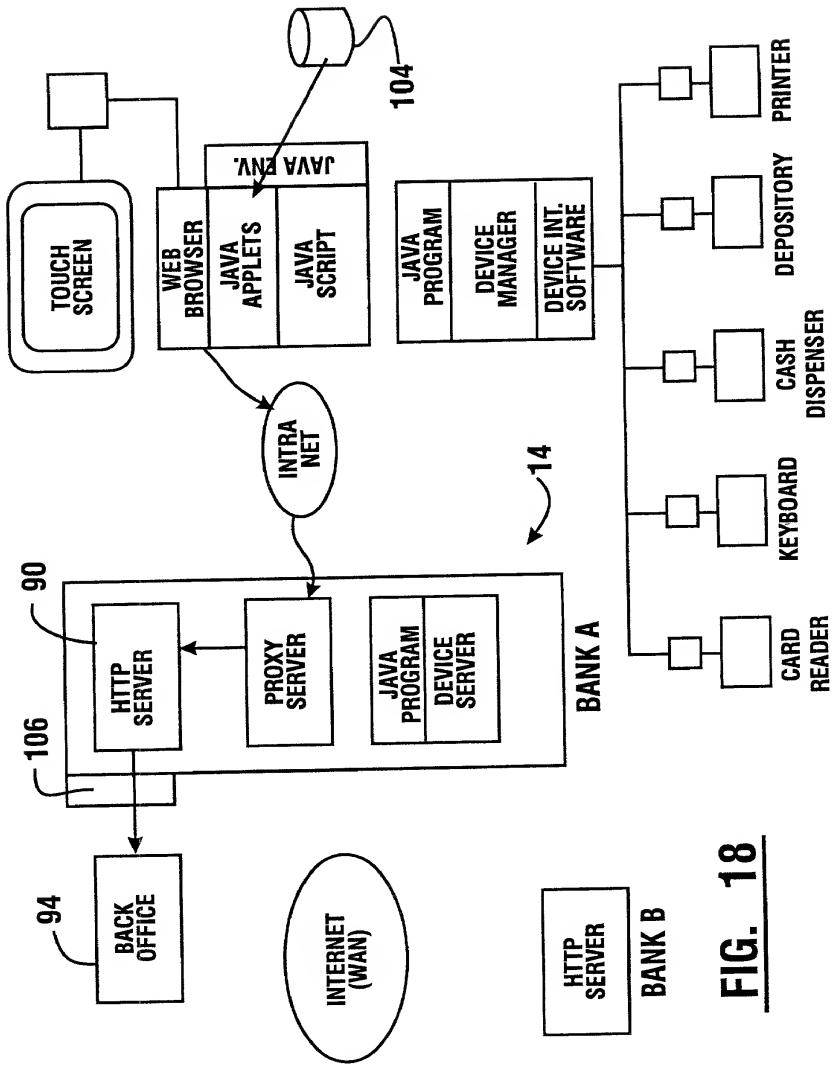


FIG. 18

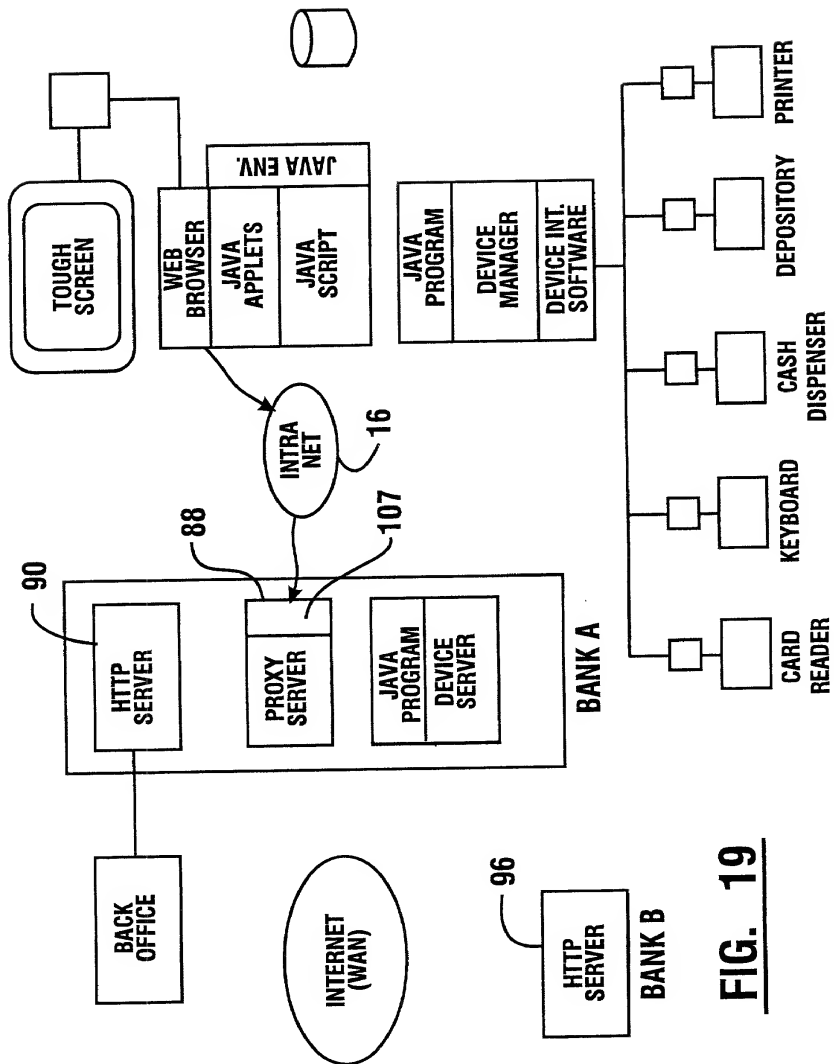


FIG. 19

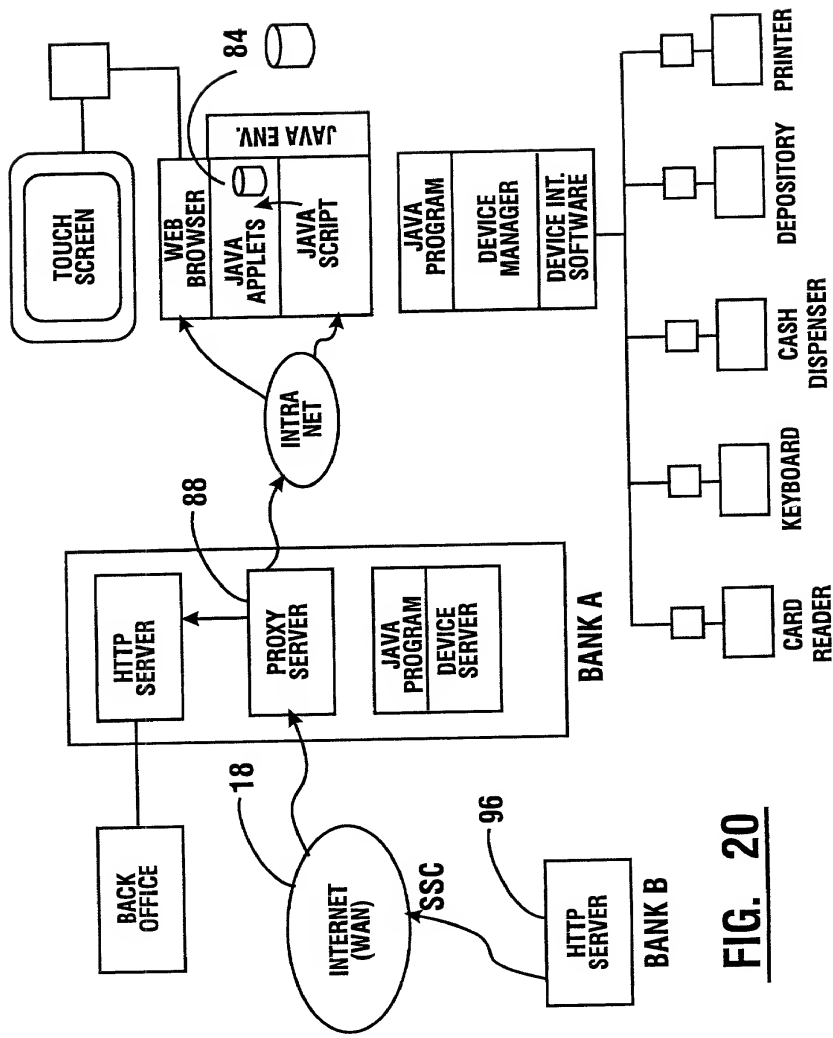


FIG. 20

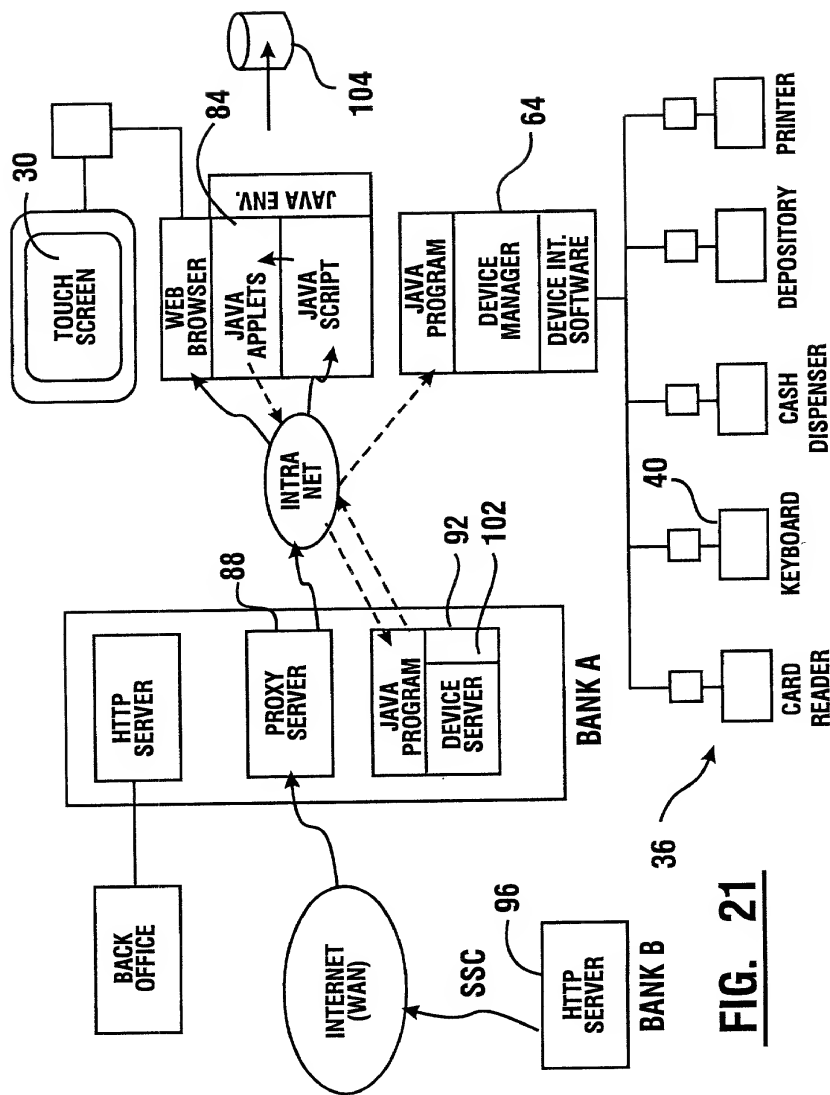


FIG. 21

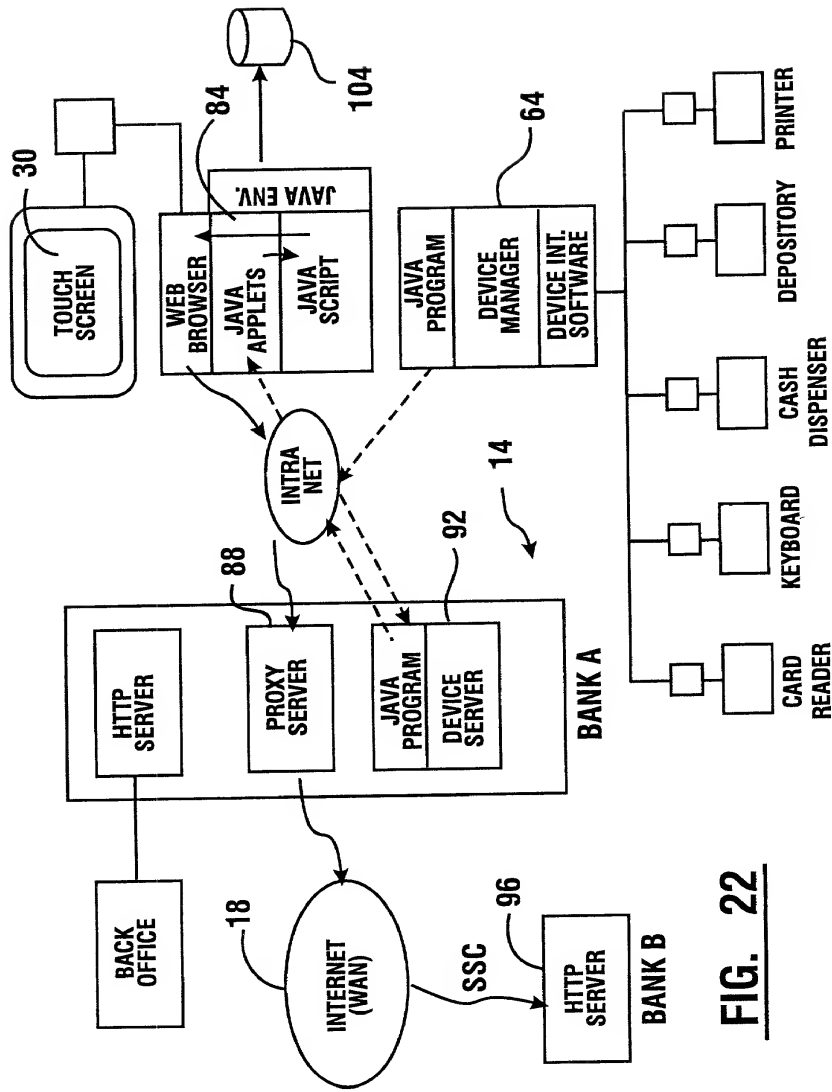


FIG. 22

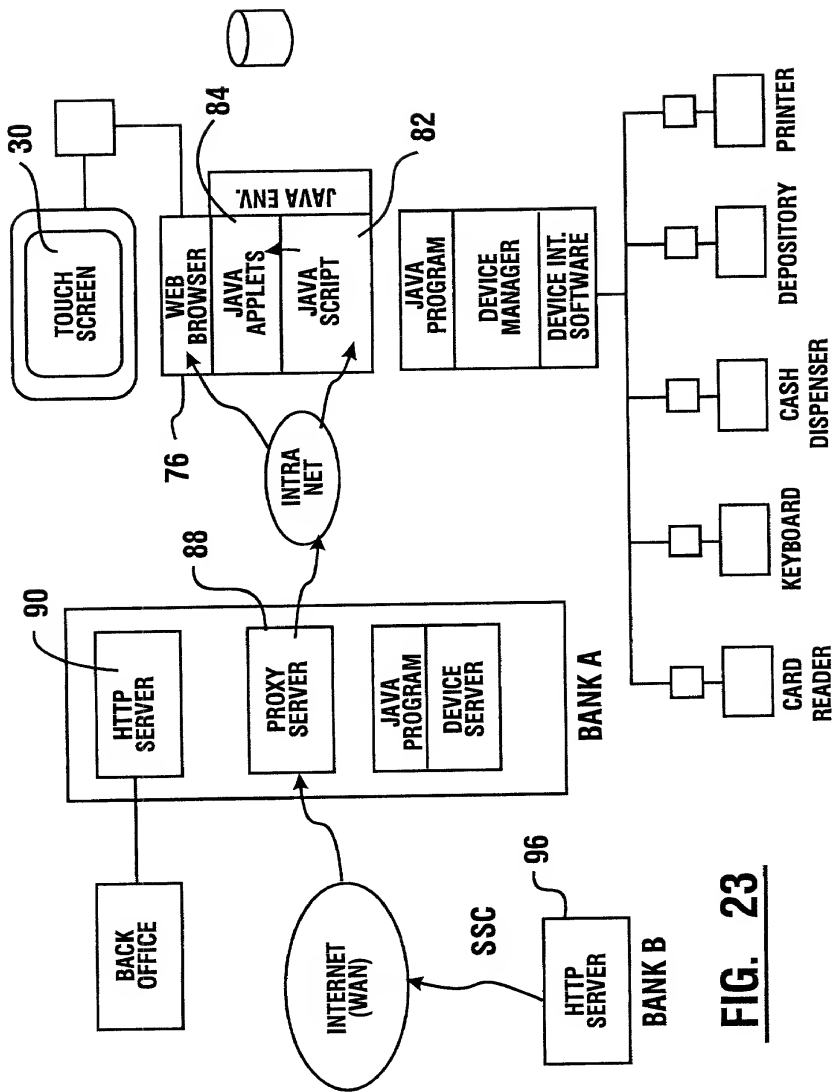


FIG. 23

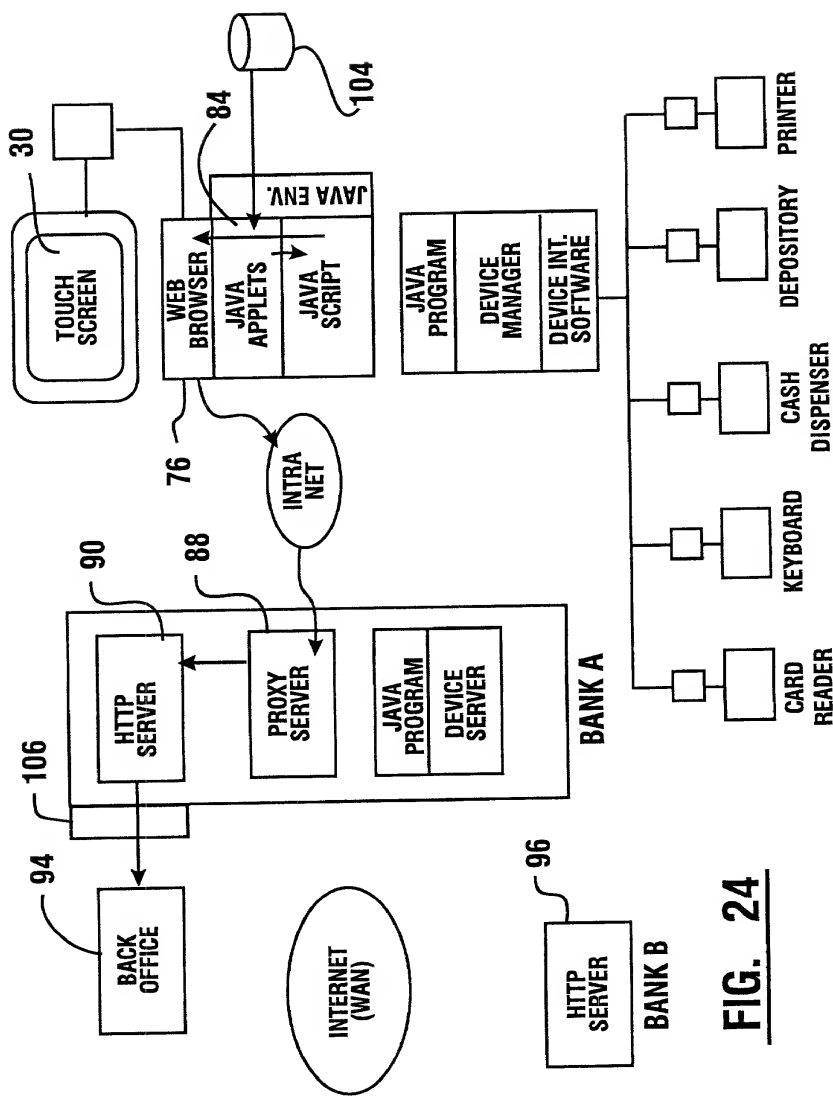


FIG. 24

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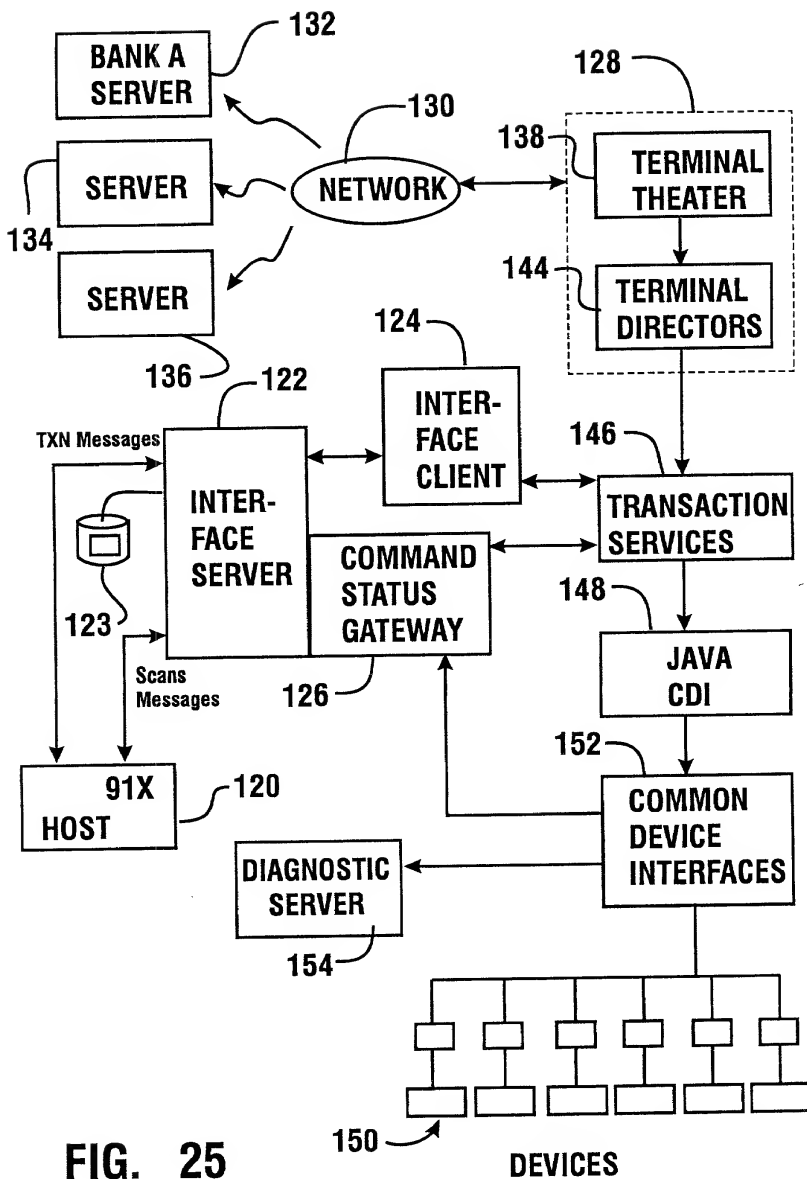


FIG. 25

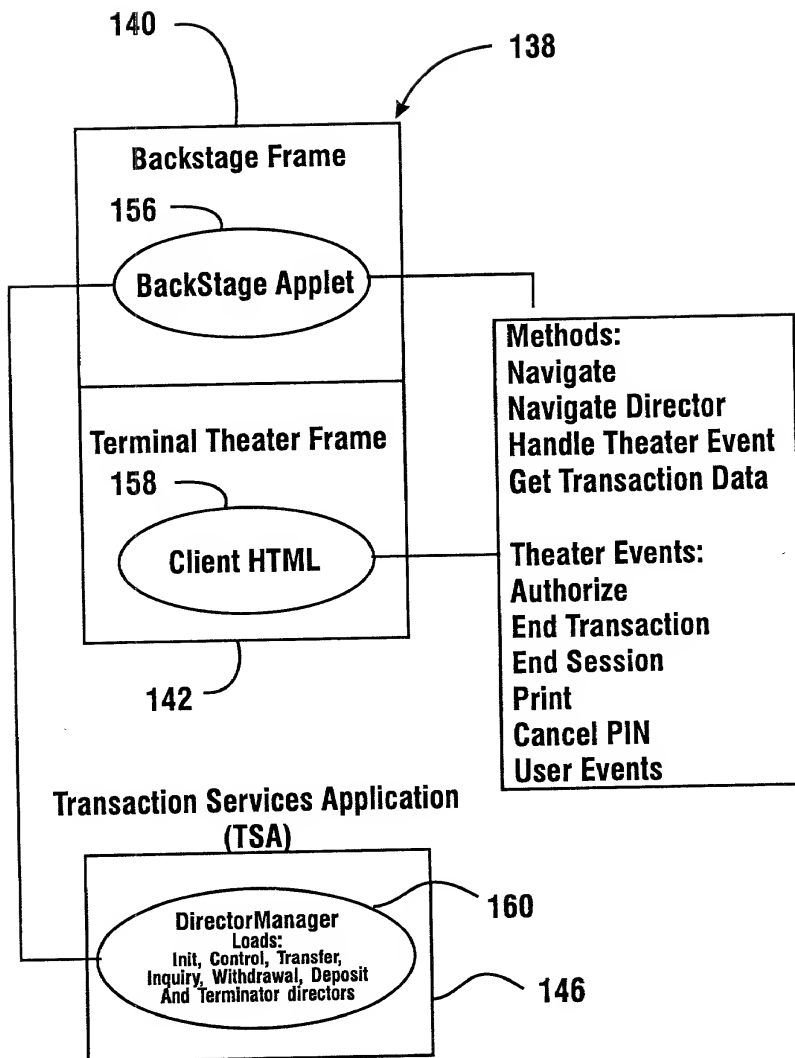


FIG. 26

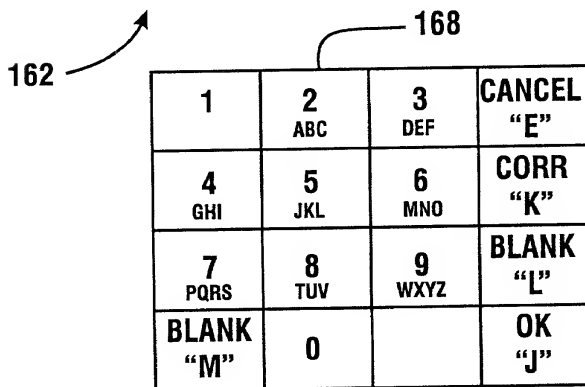
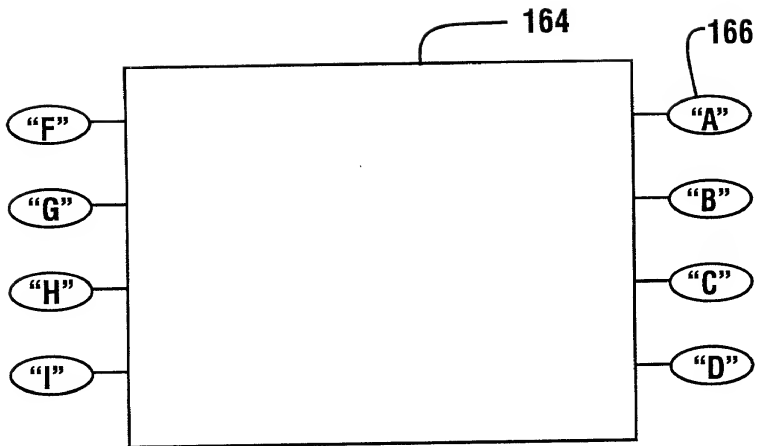


FIG. 27

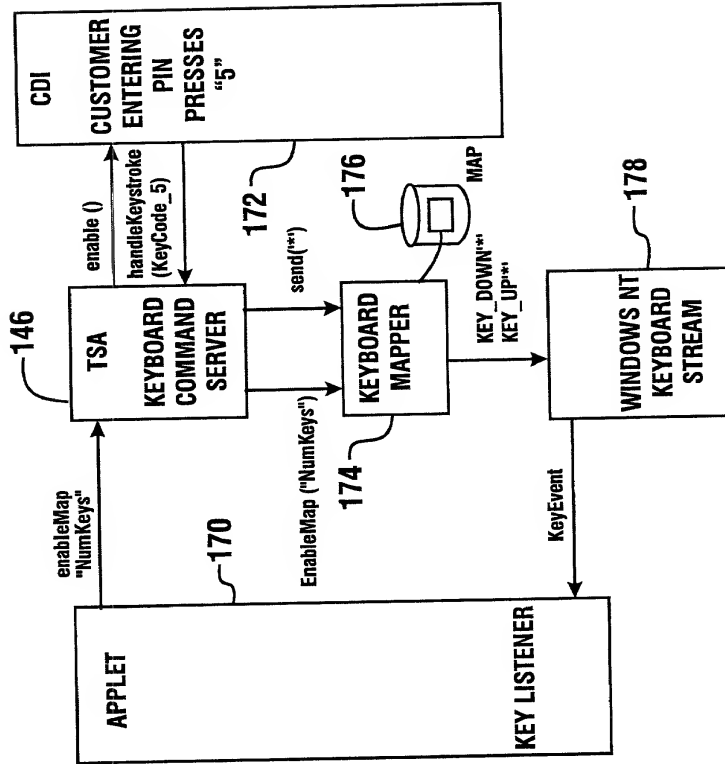


FIG. 28

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10001.007260

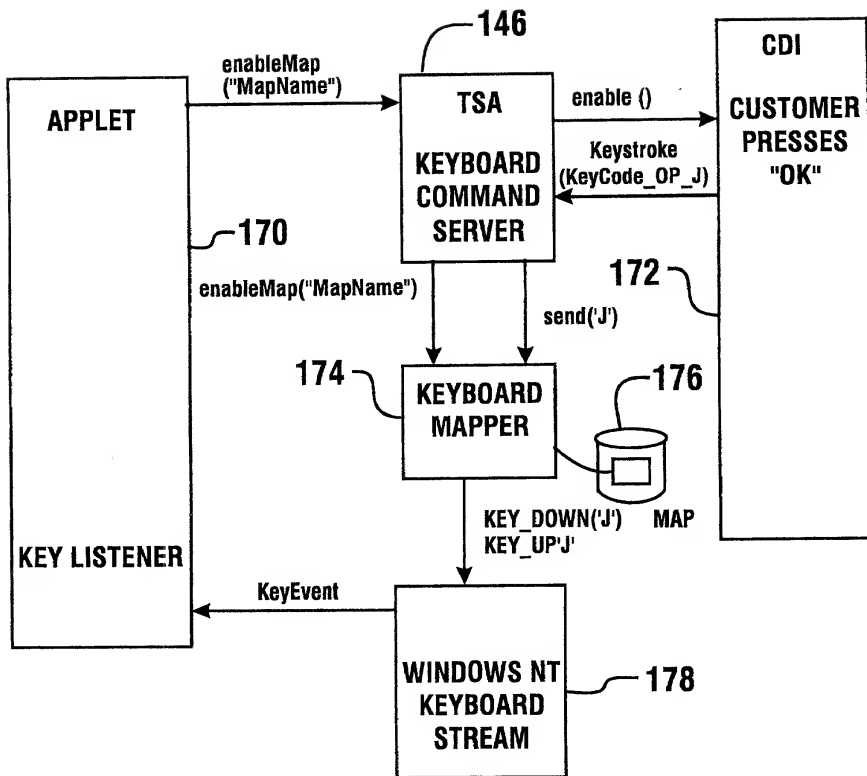


FIG. 29

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105001-042260

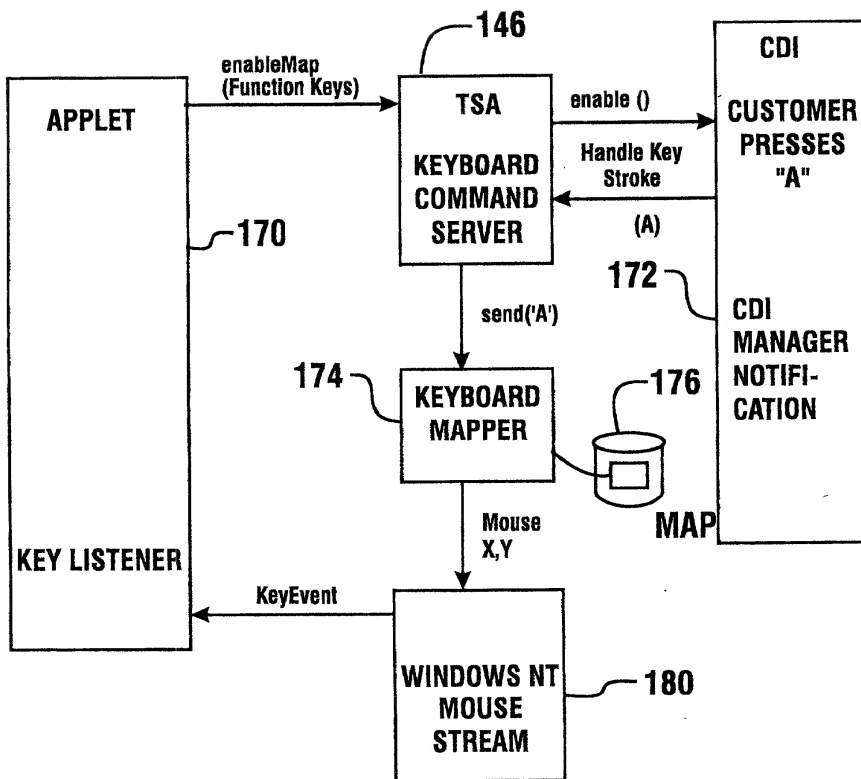


FIG. 30

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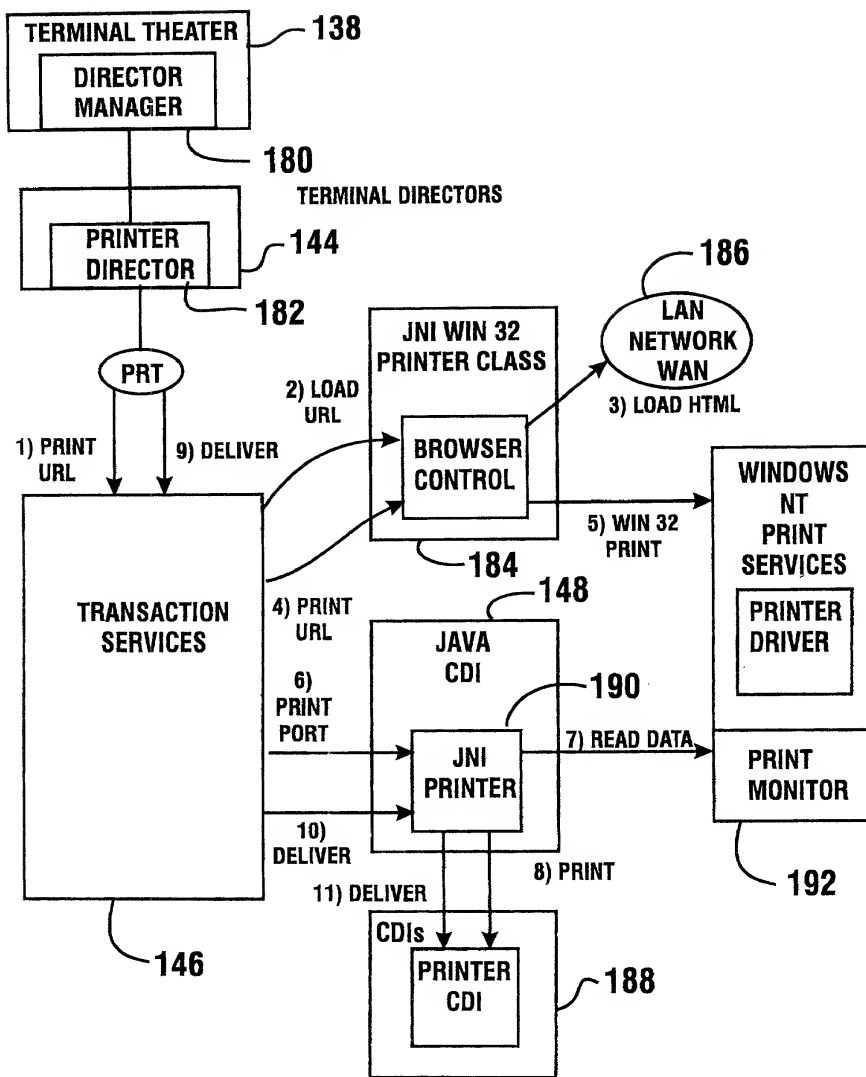


FIG. 31